SBE-no/26/20-21.

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

(For Other Works)

No: First and Final Bill

Date 20/08/2020

Division: **Byatarayanapura** Sub-Division: **Vidyaranyapura Sub Division**

Bill Received No. Dated Divisional Cash Book Voucher No…….. Dated…….

Sub Divisional **Work Code: 010-20-000002**

Schedule Docket No. Head of Account: P 3727 Est.Cost- **99 Lakhs**

Name of Work: **Providing Cement Concrete Road Construction of Culverts and RCC Drains and Providing Missing Covering Slabs in Kateramma Layout and Surrounding Areas in Ward No.10**

Name of Contractor and Full Address: **Executive Engineer, Karnataka Rural Infrastructure Development Ltd, #280, 59th Cross Road, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagara, Bangalore-560010.**

Reference to Agreement No: **BBMP/EE/BTP/WO/126/2019-20** Date: **08-11-2019**

Certified that the measurements were taken by me on 10/03/2020 and recorded of Pages 49 86 23 to 29 of measurement Book No. 4987/19-20 .and that the work is satisfactorily executed.

Assistant Executive Engineer, R.R. Nagar, Sub Division, KRIDL, BBMP, Bangalore

Contractor

Sunitha-AEE 10/03/2020.

Officer-in-charge of work

Certified that the measurement were taken by me on ……and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore-97

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	Total:	9701900 00
2)	Deduct amount to be held in reserve being ……percent Rs……		
3)	" Balance		
4)	Deduct Payment:		
a)	Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No……	It Amount adjusted	194038 00
	towards cash advance recovery of	Cas +	86625 00
b)	Payments Now made: cost store or other material supplied.	Sas +	86625 00
	recovery of amount creditable to this/other work	FSD	485100 00
	Amount paid on this bill Cheque / Cash.	Cess	97019 00
5)	Balance being unpaid value of work done held in reserve.	CBF	9702 00
6)	Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.	LR.	65700 00
7)	Net amount due to or from Contractor	unadjustments items.	4691 00
8)	Advance to Contractor for materials brought to site (as detailed) within.	Fine	
9)	Value of Government materials supplied.	Ded:	1029500 00
		Cheque Total amount adjusted -	867 2400 00

Contractor's Signature

Received Rs…….. (in words)……

……

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness 25/8/20

1.

2.

Assistant Executive Engineer, R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

Stamp

Dated Signature of Contractor

Assistant Executive Engineer R.R. Nagar, Sub-Division, KRIDL, BBMP, Bangalore

Paid by me by Cheque No……Dated……

Cash Rs……

Dated……

Initials of Officer making payment

Executive Engineer

ABSTRACT

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remarks
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications	cum	646.43 646.44	-	-	-	646.43	207.60	134197.83 134198.86	646.43	134198.86	
2	Providing granite 10 cms thick slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete	Sqm	322.74 322.76	-	-	-	322.74	966.72	311999.21	322.74	311999.21	
3	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications.	cum	33.03	-	-	-	33.03	5505.64	181851.29	33.03	181851.28	
4	Providing and constructing granite / trap / basalt Size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work	cum	10.80	-	-	-	10.80	4874.76 4872.00	52615.00 52617.60	10.80	52615.00 52618	
5	Providing FLush pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. and as per the directions of the Engineer-in-charge of the work	Sqm	18.00	-	-	-	18.00	223.66 150.52	4025.88 2709.36	18.00	4025.88 2709	
6	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification	cum	64.10	-	-	-	64.10	7070.20	453199.82 453217.50	64.10	453199.82 453217	

Suretha. NL
AE L10

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remarks
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remarks
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
7	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.	Tonne	4.91	-	-	-	4.91	72326.98	355125.47	4.91	355125	
8	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete. (Data Rate)	Sqm	633.33	-	-	-	633.33	2337.00	1480092.21	633.33	1480092	
9	Providing and Fixing pre cast covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge	Sqm	109.80	-	-	-	109.80	5418.00	594896.40	109.80	594896	
10	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by mechanical means attached with scarifier without disturbing the base and stacking the debris including cost of all labour charges, HOM complete as per specifications.	Sqm	442.00	-	-	-	442.00	41.34	18272.28	442.00	18272.28	
11	Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications	cum	412.87	-	-	-	412.87	56.26	23228.06 23227.81	412.87	23228.06 23228	
12	Stone dust / Grit 4.75 mm to 0.075 mm For Road Strengthening For UGD Cut portion	cum	44.55	-	-	-	44.55	1060.00	47223.00	44.55	47223	

Assistant Executive Engineer,
R.R. Nagar Sub-Division,
KRIDL, BBMP, Bangalore

Smitha. N L
AE ward 10

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remarks
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
13	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications	cum	308.05	-	-	-	308.05	2001.28	616493.30 616494.30	308.05	616493.30 616494.30	
14	Cleaning the existing WBM Road surface including removing of binding materials and other foreign matter with wire brushes and small picks sweeping with brooms or soft brushes and finally dusting with old gunny bags and bar or compressed air to receive bituminous treatment including cost of all materials, labhour, HOM of machineries complet as per specifications.	Sqm	737.40	-	-	-	737.40	22.26	16414.52	737.40	16415	
15	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications	Sqm	1927.18	-	-	-	1927.18	28.62	55155.89	1927.18	55156 55155.89	
16	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications	cum	96.36	-	-	-	96.36	6597.44	635723.13 635729.31	96.36	635723 635729.31	
17	Cleaning the existing black topped surface with brooms,soft brushes and finally dusting with old gunny bags and/or compressed air to receive bituminous treatment including cost of all materials,labhour, HOM of machineries complete as per specifications.	Sqm	4170.53	-	-	-	4170.53	5.30	22103.78	4170.53	22104 22103.80	
18	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications	Sqm	4170.53	-	-	-	4170.53	12.72	53049.08	4170.53	53049 53049.14	

25/02/25
Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

Suvetha. N R
AE W10

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remarks
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
19	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications	cum	166.82	-	-	-	166.82	7753.90	1293513.35 1293505.59	166.82	1293513 1293505.59	
20	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications.	Sqm	163.74	-	-	-	163.74	454.74	74459.12 74456.85	163.74	74459.12 74457	
21	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications.	cum	213.82	-	-	-	213.82	1022.74	218682.26 218678.18	213.82	218682.26 218678	
22	Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications.	cum	160.36	-	-	-	160.36	5408.12	867246.12 867256.94	160.36	867246.12 867257	
23	Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.	cum	3.23	-	-	-	3.23	5747.32	18563.84 18535.11	3.23	18563.84 18535	

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

Sumitha. N L
AE W10

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Item No	Description	unit	Tender Qnty	Previous			Present			Total Upto Date		Remarks
				Qnty	Rate	Amount	Qnty	Rate	Amount	Qnty	Amount	
24	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, using a grade concrete M30 over a prepared base with OPC coarse aggregate @ 0.69cum fine aggregate @ 0.46cum,coarse and fine aggregate confirming to IS:383-2016,with superplastisiser @3lts confirming to IS9103-2008mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine,and curing including cost of all materials,labour,hire chargedof machines,all lead and lift charges etc., complete as per specifications.	cum	160.36	-	-	-	160.36	5210.96	835629.54 835639.97	160.36	835629.54 835640	
	SUB TOTAL AMOUNT									8362450.11	8362450.11	8363760.30
	Add KRIDL @ 4%										334498.00	334550.40
	GST @12%										1003494.01	1003561.23
	TOTAL AMOUNT										9700442.12	9701961.93

(-) 61.36

9701900.00

Certificate

1.The Work executed by the contractor is found satisfactory

2. The contractor has removed the debris from the work spot

3. Thereare no departmental issues for this work

Contractor

Assistant Executive Engineer,
R.R. Nagar, Sub-Division,
KRIDL, BBMP, Bangalore

Asst Engineer

Asst Executive Engineer

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Executive Engineer